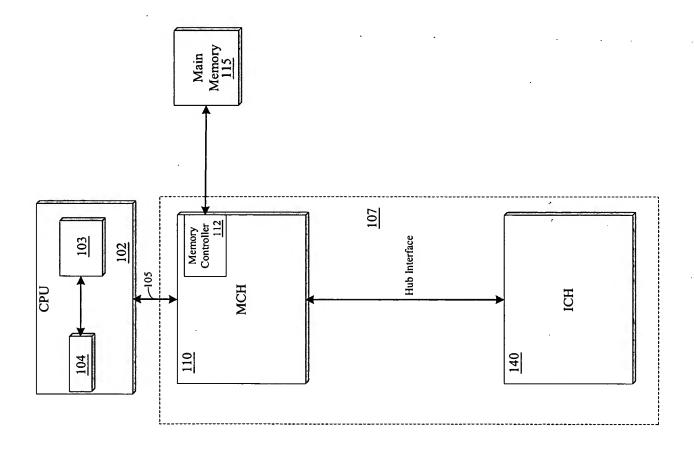
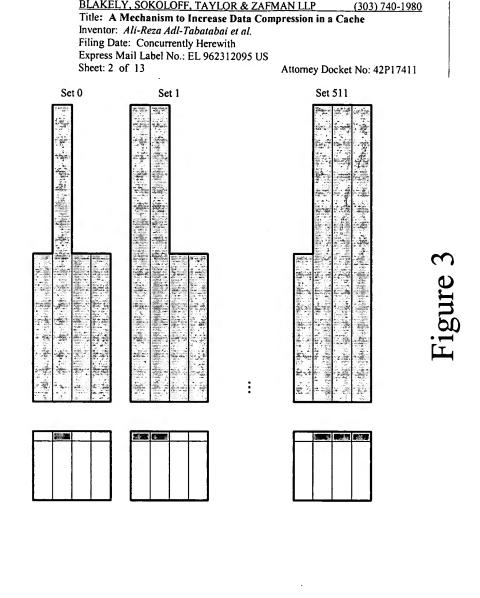
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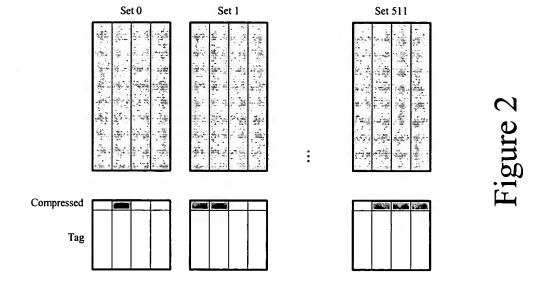
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Inventor: Ali-Reza Adl-Tabatabai et al.
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Offset Offset Companion bit Figure 4A (PRIOR ART) Set Set Tag Tag

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Compressed Companion bit

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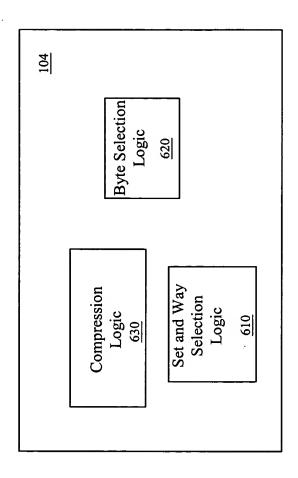
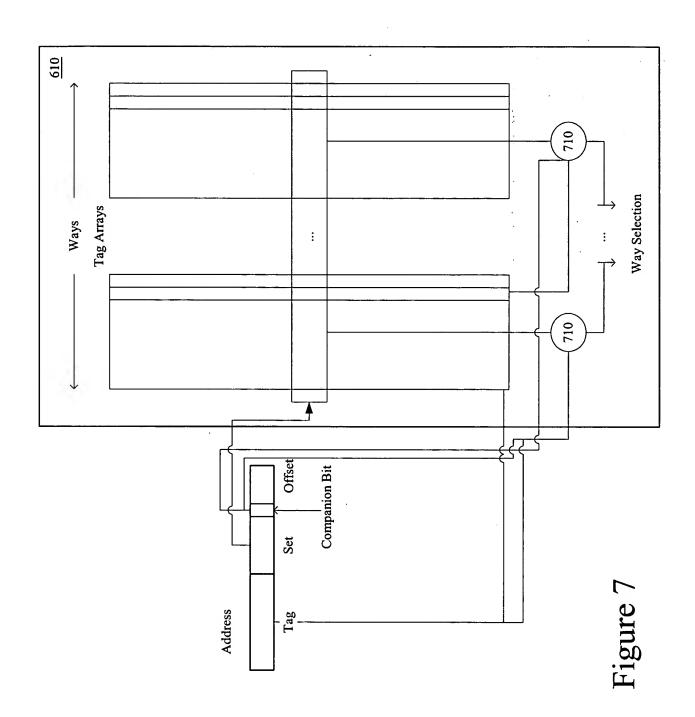


Figure 6

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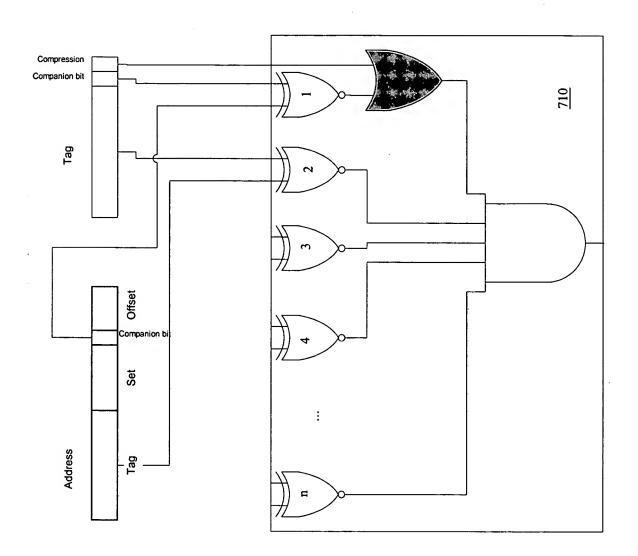


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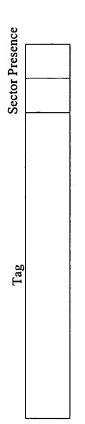
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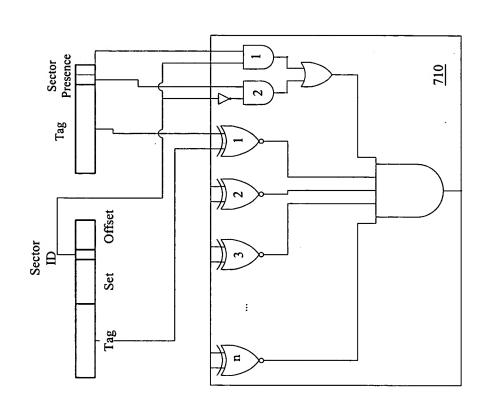


Figure 9

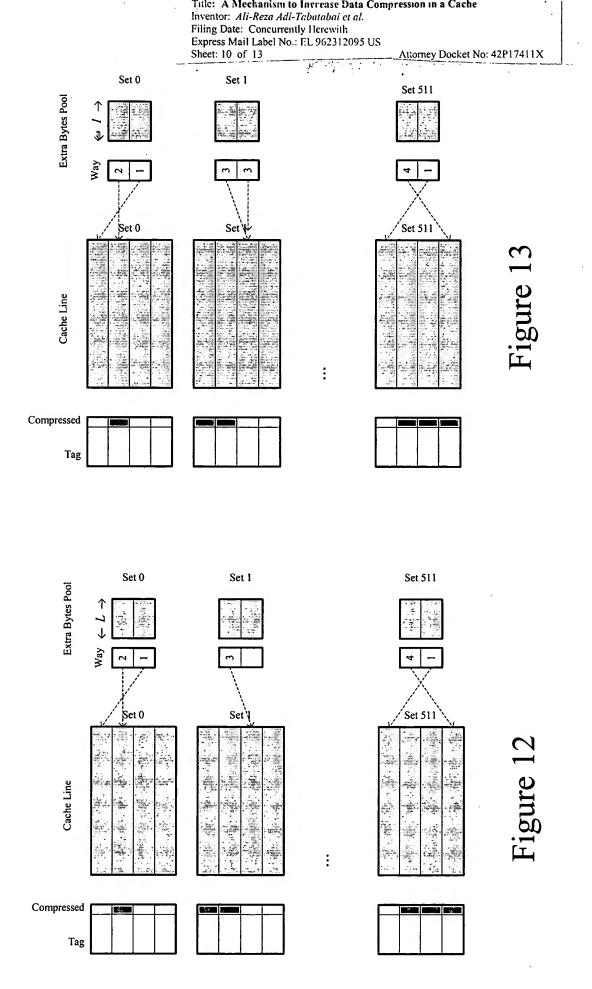
Figure 10

Inventor: Ali-Reza Adl-Tabatabai et al.
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Express Mail Label No.: EL 962312095 US Sheet: 9 of 13 Attorney Docket No: 42P17411 Compression bit Companion bit Э ENB zs. Mux ¹s Offset 2LCompanion bit Set Figure 11 Address ENB Mux ပ Š S_2 Decompressor 1110 320 Selected cache line

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Set 510-511 Set 0-1 Extra Bytes Pool Set 0 Set 1 Set 511 Figure 14 Cache Line

Compressed

Tag

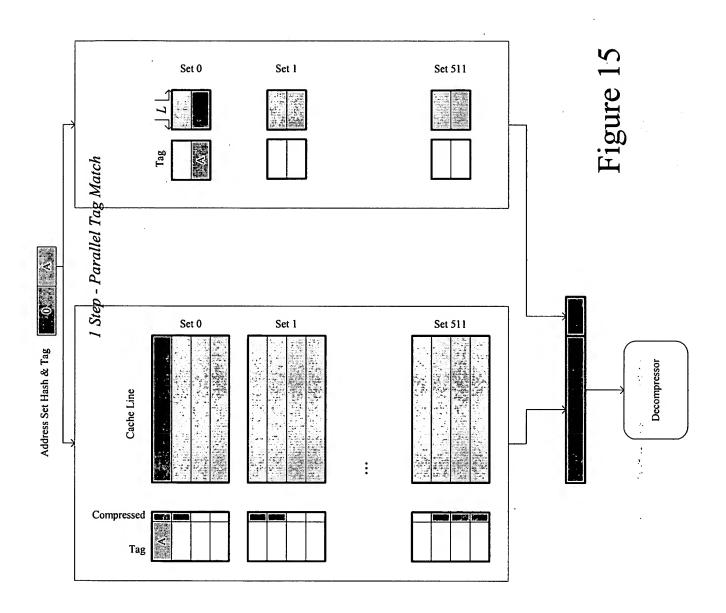
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